

## TL-2 - Quality Growth Program

### Benefit/Cost of Reducing CO<sub>2</sub>e:

Arizona: 26.7 MMt between 2007-2020; 2.4% of 2020 emissions; \$0 cost  
New Mexico: 13.4 MMt between 2007-2020; 1.3% of 2020 emissions; \$0 cost  
Montana: 0.26 MMt between 2007-2020; 0.1% of 2020 emissions; N/A  
Oregon: 0.4 MMt between 2007-2025; 0.4% of 2025 emissions; Cost effective  
N. Carolina: 50.3 MMt between 2007-2020; 3% of 2020 emissions; net savings

**Assessment: High Priority. Bin A. 17 out of 22 votes.**

This policy option could substantially reduce GHG emissions in the State, but is a longer-term option that will require significant effort to implement. BRAC members noted the State could help facilitate these collaborative processes with resources and funding.

In Utah, 80% of the population lives along the rapidly growing Wasatch Front region. Smart growth is a vital component to any strategy that seeks to reduce CO<sub>2</sub> emissions from transportation. The State of Utah should promote smart growth, including such community and transportation planning measures as compact, transit-oriented, walkable, bicycle-friendly planning, as well as mixed-use development with a range of housing choices. Such measures help reduce GHG emissions through a reduction in vehicle miles traveled (VMT). Congestion management is also important. Envision Utah and the Wasatch Front Regional Council should be consulted as guides for this policy option. An effective strategy should also include public education and could include incentives to ensure the uptake of these measures.

Envision Utah recently released the findings of its Wasatch Choices 2040 Project, including a Vision Scenario that reflects the preferences of participants in a visioning process that involved 1,000 area residents. The Vision Scenario steers 13% of new development (compared with 4% in a business-as-usual scenario) into walkable, mixed-use districts,<sup>3</sup> like those under development in Kennecott Land's new Daybreak community. Envision Utah's modeling results show a modest but measurable reduction in VMT in the Vision Scenario relative to business-as-usual.

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<sup>3</sup> Envision Utah, *Wasatch Choices 2040*. 2007